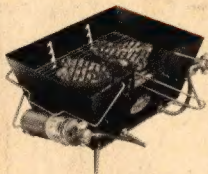


OTHER BERNZ-O-MATIC PRODUCTS



BETTER than
Charcoal
Flavor
Without
Charcoal



Model TX-700 Lantern
Pat. No. 2,841,694



Model TX-800A
Double Burner Stove
Model TX-500
Single Burner Stove

Model TX-1700 Double Burner Grille
Model TX-1500 Single Burner Grille
Model TX-2200 Charco Jet . . .

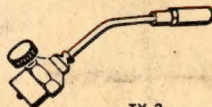
Pressure Regulator
Pat. No. 2,854,991

ALL OPERATE FROM THE SAME FAMOUS BERNZ-O-MATIC
ICC APPROVED DISPOSABLE CYLINDER OF PROPANE GAS

PARTS FOR TORCHES



TX-1
PENCIL-FLAME BURNER UNIT



TX-2
UTILITY BURNER UNIT



TXP-56
PUSH BUTTON
BURNER UNIT



1351-BP
PENCIL-FLAME
BURNER HEAD
Complete with
Orifice



TX-2009
UTILITY
BURNER HEAD
Complete with
Orifice



V-1208-BU
ORIFICE BODY FOR
UTILITY BURNER



V-1107-B
ORIFICE BODY
FOR
PENCIL BURNER



TX-9020
BURNER TUBE

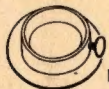
ACCESSORIES



TX-1527
FLAME SPREADER
USE WITH UTILITY
BURNER HEAD ONLY



TX-400
SMALL SOLDERING
TIP



TX-410
TORCH STAND
Prevents tipping while torch is in use.



TX-401
LARGE SOLDERING TIP



TX-402
CUTTING TIP
Ideal for burning,
slicing putty or wherever
a sharp edge or heat is necessary

INSTRUCTIONS FOR OPERATING YOUR

BERNZ-O-MATIC®

MASTER TORCH

101 USES from CELLAR to ROOF

- Sweating copper tubing
- Paint removing
- Asphalt tile laying
- Softening old putty
- Furniture refinishing
- Soldering toys
- Repairing tools
- Lighting fireplace
- Soldering jewelry and silver
- Burning leaves
- Burning caterpillar nests
- Melting ice on steps and walks
- Splicing wires and cables
- Loosening rusted terminals and connectors
- Soldering terminals
- Thawing frozen pipes
- Freeing frozen bolts and nuts
- Lighting charcoal fires
- Leading fenders
- Loosening mufflers and tail pipes
- Freeing frozen fittings
- Loosening springs
- Soldering radiators
- Drying spark plugs
- Laboratory uses



OTTO BERNZ COMPANY, INC., ROCHESTER, N. Y.



- 1 Check valve knob to be sure valve is fully closed.
- 2 Thread burner unit onto top of fuel cylinder. Turn to the right until they are seated hand tight into the cylinder. Do not use wrench or tool to tighten.



LIGHTING YOUR BERNZ-O-MATIC MASTER TORCH



1. Open control valve only until a low hiss of escaping gas can be heard. Ignite at once.
2. With Utility Burner on MASTER Torch, open valve an additional half turn and light.

LEAVE BURNER ON SMALL FLAME UNTIL HOT BEFORE OPENING VALVE FULLY.

3. After igniting burner operate control valve to adjust flame size. For highest efficiency with pencil flame burner on MASTER Torch, blue cone at center of flame should be 1 1/2 inches long, with Utility Burner about 5/8 inches long.

CHANGING BURNERS Unscrew burner unit on MASTER Torch by turning fuel cylinder to left. Replace burner and turn cylinder to right.

CAUTION: Do not leave torch near open flame or where it will be subjected to high heat.

REMOVE BURNER TO STORE UNIT

BERNZ-O-MATIC FUEL

A liquefied petroleum gas product of clean, superior quality. Produced for use in BERNZ-O-MATIC appliances only. This torch has passed rigid tests and was in perfect condition when it left the factory. If after following our instructions you cannot obtain satisfactory results, return burner unit direct to factory for adjustment, stating nature of complaint. No dealer is authorized to make any adjustment for us.

USE ONLY BERNZRITE OR BERNZ-O-MATIC

ICC APPROVED FUEL CYLINDERS FOR EFFICIENT OPERATION AND TO PRESERVE OUR MANUFACTURERS' WARRANTIES

ORIFICE COLOR AND SIZE

Part No.	Product No.	Type	Color	Size
TX-3103	TX101	Bantam Torch	Brass	.003
TX-12115	TX65	Push-Button	Iridescent	.012
V-1107-B	TX10	Pencil Burner	Brass	.005
V-1208-BU	TX11	Utility Burner	Nickel	.008
V-1107-B	BZ210	Bernzrite Pencil	Brass	.005

Whenever the flame is inefficient or lazy or the unit will not light, it is most likely caused by some impurity blocking or freezing the orifice hole . . . this must be blown out as follows:



1. With a wrench, remove burner head from burner tube.



2. Remove orifice from end of burner tube. (If orifice sticks in burner head, shake out.)



3. Reverse orifice and place it in the burner head; screw burner head onto burner tube (finger tight).



4. Open and close valve quickly blowing two or three short blasts of gas through burner tube; close valve. Orifice should now be cleaned.

5. To reassemble: Unscrew burner head; insert orifice in burner tube in original position; screw burner head onto burner tube and tighten with wrench.

DO NOT CLEAN ORIFICE WITH WIRE OR OTHER OBJECT

Avoid factory charge for Cleaning the orifice—DO IT YOURSELF ALWAYS DISCONNECT CYLINDER FROM UNIT WHEN NOT IN USE

THE BERNZ-O-MATIC SOLDERING TIPS

FIRST — YOU MUST TIN THE SOLDERING TIP

- (a) CLEAN oxides and foreign matter off face of copper top with emery paper, sand paper, file or steel wool.
- (b) Place Soldering Tip on PENCIL BURNER ONLY and tighten with set screw.
- (c) SLIGHTLY open valve and light Soldering Head with match or Bernz-O-Matic Sparker.
- (d) After approximately 30 seconds or when Tip is sufficiently hot enough to melt solder, DIP Tip in flux or sal-ammoniac and apply solder until Tip is WELL COVERED. Quickly wipe off with a rag excess solder, leaving a thin bright film on the faces of the point.

SECOND — USE A SMALL FLAME AT ALL TIMES.

- (a) If Tip is overheated RE-TIN as described above.

HINTS — (a) Thoroughly clean surface to be soldered with sandpaper and then apply flux.

- (b) Pre-heat surfaces to be soldered with the Soldering Tip.

- (c) Keep one face of the Soldering Tip flat against the surface to be soldered so as to pre-heat the metal.

- (d) Apply the solder to the surfaces to be soldered and not to the Soldering Tip.

Use Bernz-O-Matic Tip No. 400 for Electrical, Radio and Fine Jewelry, etc. Use Bernz-O-Matic Tip No. 401 for Hobby, Sheet Metal, etc.